Leak Gopher Receiver

LGR-1 User's Manual

REV: 2.0

The Leak Gopher Receiver/Ethernet Interface device provides a link between your Leak Gopher Wireless Leak Detection devices and the Internet.

After installation and registering your Leak Gopher Wireless Leak Detection devices at LeakIntel.com, this device will receive radio transmissions from your Leak Gopher Wireless Leak Detectors and send this information to the Leak Intelligent servers. The Leak Intelligent servers will know your registered devices by their serial number and will notify you, as you have directed, when a leak occurs.

Hardware Installation

The Leak Gopher Receiver is easy to install.

1. Attach the antenna (provided in the box) onto the threaded connector that is located on the top of the device. The antenna only needs to be hand tightened. Do not over tighten.
2. Attach the device to your computer network and the Internet. Just plug in the Ethernet cable (provided in the box) into the connector labeled "Ethernet" on the bottom of the device, plug the other end of the Ethernet cable into your Internet router hub.
3. Plug the power adapter (provided in the box) into the connector labeled DC5V and plug the power cube into any standard 110VAC receptacle.
4. Position the device so that the antenna is pointing up. You can sit the device on a flat surface or hang the device on the wall. Just be sure the antenna is pointing up for best reception.

Reset Button

Sometimes things just don't go as expected… If your device is not responding, you lose Internet connection, or you are just not sure if everything is working ok, press and hold the Reset button for 5 seconds to load factory defaults. The Reset button is on the bottom of the device and is labeled Reset. Use a pointed object, such as a straightened paper clip or toothpick to press the reset button. This will cause the SYS LED to blink on and off. The factory defaults will be loaded once the Ready LED stops blinking (after about 5 seconds). At this point, release the Reset button.

LED Indicators

The Leak Gopher Receiver has three LED indicators which are described in the following table.

SYS	Yellow	System Status	Flash Off	System Working System Booting Normally
ACT	Green	Ethernet Connec	Flash Off	Data Transmitting Disconnected
DAT	Green	Data Status	Fast Flash Slow Flash	Transmitting Data Receiving Data

Technical Specifications

Power Supply Input Voltage	5VDC	Radio Transceiver	SWRF-1021-50
Power Consumption	5W	Radio Power	50mW
Working Temperature	-10C - +50C	Radio Frequency	470MHZ
Storage Temperature	-40C - +85C	Dimensions	78MM*60MM*30MM
Relative Humidity	5% - 95%		
Atmospheric Pressure	70 – 106kps		

Limited Warranty & Disclaimer

- Leak Intelligence, LLC will repair or replace, at its option, any part of the device, which proves to be defective in workmanship or material under normal use, in the USA except in the states of Alaska or Hawaii, for a period of twelve months from the date the device is purchased. During the warranty period, Leak Intelligence, LLC will repair and provide all parts necessary to correct such defects, free of charge, provided the device has been operated in accordance with the manufacturer's guidelines. The Customer will return the device to Leak Intelligence, LLC for testing and repair or replacement. Should you need service, during warranty period or beyond, call 855-828-2811 to obtain return authorization before shipping your device to Leak Intelligence, LLC.
- Except for the obligation to repair or replace the Leak Gopher as stated herein, Leak Intelligence, LLC shall not be liable for any incidental or consequential damage caused by failure of the Leak Gopher to function as advertised or expected.
- Leak Intelligence, LLC technicians, will provide all warranty service and this warranty is void if the device has been opened or serviced by anyone other than a Leak Intelligence, LLC technician.
- EXCEPT FOR THE LIMITED WARRANTY AS STATED IN THIS AGREEMENT, THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE. LEAK INTELLIGENCE, LLC DISCLAIMS THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AS TO PRODUCTS AND SERVICES SUPPLIED UNDER THIS AGREEMENT. IN NO EVENT WILL LEAK INTELLIGENCE, LLC BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, COMMERCIAL LOSS, PROPERTY DAMAGE, LOSS OF USE, LOSS OF REVENUES, PROFITS, OR SAVINGS, EVEN IF LEAK INTELLIGENCE, LLC KNEW OR SHOULD HAVE KNOWN OF THE POSSIBILITY OF SUCH DAMAGES.
- Leak Intelligence, LLC does not guarantee the leak notification service in regards to notification of leaks. Leak Intelligence, LLC is not responsible for any value of water loss, commercial loss or any property damage, or for any other loss or damage caused or incurred as a result of the failure of the device and/or failure of the notification service.
- Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. To know what your legal rights are in your state, consult your local or state consumer affairs office or your state's Attorney General.
- Your state laws or local ordinances may require that a licensed plumber perform installation of this device. The manufacturer is not responsible for enforcement of your states law or local ordinances.
- Damage limitation warning. In no event shall manufacture be liable for any incidental or consequential damages including water damage, damage to other property by water, loss of use of the product, loss of time, inconvenience, travel expense, lodging expenses, lost by damage to personal property, loss of income, profits or revenues.